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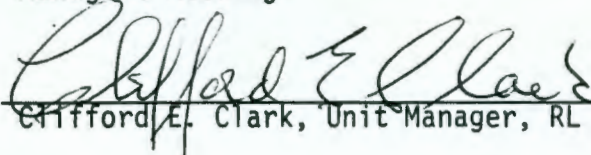
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Meeting Minutes Transmittal

325/3100 HAZARDOUS WASTE TREATMENT UNIT
Unit Managers Meeting
337 Building, Mt. Shuksan
Richland, Washington

October 18, 1994
2:00 p.m. to 4:00 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

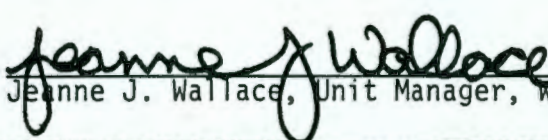

Clifford E. Clark, Unit Manager, RL

Date: 2/21/95

Not Present

Date: _____

Daniel L. Duncan, RCRA Program Manager, EPA Region 10


Jeanne J. Wallace, Unit Manager, Washington State Department of Ecology

Date: 1/10/95

Washington State Department of Ecology

325/3100 Hazardous Waste Treatment Unit, PNL Concurrence


Kathleen A. Poston, Contractor Representative, PNL

Date: 1/10/95

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - Action Items
- Attachment 5 - RLWS Line Drawings for the 324 and 325 Buildings



Attachment 1

**325/3100 HAZARDOUS WASTE TREATMENT UNIT
Unit Managers Meeting
337 Building, Mt. Shuksan
Richland, Washington**

**October 18, 1994
2:00 p.m. to 4:00 p.m.**

Agenda

1. Approval of Past Unit Managers Meeting Minutes (Ecology/RL/PNL)
2. 325 HWTU Start-up Schedule (RL/PNL)
3. Status of TPA Change Request for TPA Procedural Closure (RL/PNL)
4. Status of Combined 325 HWTUs Part A (Form 3) (RL/PNL)
5. Status of Combined 325 HWTUs NOI for Tank Storage (RL/PNL)
6. Status of Combined 325 HWTUs Part B Permit Application (RL/PNL)
7. Status of 300 Area RLWS Compliance Evaluation (RL/PNL)
8. Status of Response to 325 SAL Compliance Letter (RL/PNL)
9. General Discussion (Ecology/RL/PNL)
10. Status Action Items (Ecology/RL/PNL)
 - Past Action Items
9-20-94:1
RL/PNL will provide Ecology (Ms. Wallace) drawings of the RLWS system for the 324 and 325 buildings.
 - New Action Items
11. Next Unit Managers Meeting (Ecology/RL/PNL)
 - Proposed dates during week of November 7
 - Proposed topics

Attachment 2

**325/3100 HAZARDOUS WASTE TREATMENT UNIT
Unit Managers Meeting
337 Building, Mt. Shuksan
Richland, Washington**

**October 18, 1994
2:00 p.m. to 4:00 p.m.**

Summary of Discussion and Commitments/Agreements

1. Approval of Past Unit Managers Meeting Minutes

The July 14, 1994 Unit Manager Meeting minutes were approved and signed. Mr. C. Clark (RL) asked that the words "not present" be typed in his signature spot on the September 20, 1994 Unit Manager Meeting Minutes signature page.

2. 325 HWTU Start-up Schedule

Ms. K. Poston (PNL) reported that the development and approval of the 325 HWTU radiological procedures are being finalized. After that is finished, PNL will be able to complete the ORR. Training on the procedures will also need to be completed before the unit is started up. Ms. J. Wallace (Ecology) inquired as to how long the training will take. Ms. Poston said there were about 13 procedures that staff must be trained to. She also stated that line management will have to become comfortable with the training. To close out the training issues, the actions will be presented to the PNL ORR board then to RL.

3. Status of TPA Change Package Request for TPA Procedural Closure

Mr. B. Day (PNL) stated that one more PNL concurrence signature was needed on the package before it was transmitted to RL for eventual submittal to Ecology. Mr. H. Tilden (PNL) stated that because the TPA Change Package affected several centers at PNL, four PNL center manager signatures are needed and obtaining all of the signatures has been a long process. Mr. Tilden expected the package to be transmitted to RL by the end of the week at the latest.

4. Status of Combined 325 HWTUs Part A

Ms. Poston stated that the Part A was certified by PNL director, Bill Madia, on October 7, 1994. She is obtaining the last concurrence signature for transmittal to RL. Mr. Tilden stated that he also expected transmittal of the Part A to RL by the end of the week. Mr. Clark stated that the 325 HWTU Part A will be included with a package for certification by the RL manager. The package contained with multiple NOIs, Part As and a closure cost estimate package required by the Hanford Facility Permit. Ms.

Wallace asked why are all Part As being certified. Mr. Clark responded that the Part As are being revised to add the F039 code to them. The F039 has also been include in the 325 HWTU Part A.

5. Status of Combined 325 HWTUs NOI for Tank Storage (RL/PNL)

Ms. Poston stated that the development of the NOI is on hold pending the outcome of regulatory issues with the slab tanks in the 325 High Level Radiochemistry Facility (HLRF). There was a chance that the Slab tanks might have to be permitted.

6. Status of Combined 325 HWTUs Part B Permit Application (RL/PNL)

Ms. Poston indicated that a stop work order had been issued to the contractor, AT Kearney, who was developing the Part B Permit Application because of very poor product quality. She also stated that services Battelle-Oak Ridge have been acquired to pickup where AT Kearney had left off. Mr. Orlando Olivares of Battelle's Technology Policy and Analysis Center in Richland will be coordinating the Part B development with Battelle-Oak Ridge staff. Mr. Clark asked that the development of the Part B also be coordinated with WHC. Ms. Wallace asked if the development of the Part B will meet the current schedule. Ms. Poston stated that PNL was planning on meeting the June 1995 date that had been proposed in earlier 325/3100 HWTU Unit Manager Meetings.

7. Status of 300 Area RLWS Compliance Evaluation (RL/PNL)

Mr. Clark stated that an evaluation of 340 compliance issues and RLWS boudaries for RCRA permitting purposes had been prepared and in fact he had it in his possession. At the present time he can not give to Ms. Wallace because he has not had time to review the evaluation. Ms. Wallace asked if WHC and PNL had prepared separate evaluations. Mr. Clark responded that one evaluation was being prepared with WHC and PNL input. Also, that part of the problem in preparing the evaluation was that PNL and WHC did not entirely agree on all issues. Mr. Clark then shared several of the compliance items that been identified in the evaluation, including the possible location of RLWS boudaries for RCRA permitting PNL and WHC portions. Mr. Clark stated that the evaluation shall be submitted to her and Ecology in the near future.

At this time, line drawings of the RLWS system were provided to Ms. Wallace. Mr. Clark stated that the valve nearest PNL building walls would probably be used as the system boundaries but in discussions with S. Moore of Kennewick Ecology other options, such as permitting the 324 and 325 building as their own units, had not been rule^d out. Ms. Wallace inquired whether there were valves in the RLWS lines at the walls of all affected PNL buildings. Mr. Tilden stated in a lot of cases there were but not in all. The RLWS line drawings were then reviewed to determine valve locations in the RLWS system. As the line drawings were reviewed, Mr. Tilden stated that the drawings were summaries of H-3 line

drawings. Mr. Tilden also state that all PNL RLWS lines will not be included in the permitting. A line between 325 and 325 had never carried dangerous waste and never will. 4

Ms. Wallace then inquired if there had been any action on the 340 compliance issues. Mr. Clark said it is on hold while all the information is gathered. Once it has been accomplished, RL and its contractors will again meet with Ecology.

8. Status of Response to 325 SAL Compliance Letter (RL/PNL)

Mr. Tilden stated that a response letter had been transmitted to RL on September 30. It stated that three out of the four compliance item actions had been completed. The one outstanding compliance item that had not been complete was the installation of a flow meter on tank TK-1 in the basement of the 325 SAL. Ms. Poston stated that the installation of the flow meter was being held up by the 325 building shutdown. Mr. Clark stated that he thought that the letter had been submitted to Ecology. Ms. Wallace asked how the Hanford Annual Dangerous Waste report was put together and how the data was correlated. Mr. Day stated that his understanding that the data was gathered and put together on a TSD unit by unit basis.

9. General Discussion

Ms. Wallace state that she was still waiting for a variance request from the Treatment by Generator (TBG) notification requirements for a revised Form 2. Mr. Tilden stated that the letter went to RL on October 7. Ms. Poston discussed the 325 HLRF slab tanks that were upstream of where the TBG activities were to take place. Ms. Wallace inquired if there had been any physical inspection of the tanks. Ms. Poston stated there had not been any visual inspection yet because access was problem because of high radiation in the slab tank vault. A visual inspection has been scheduled later in the year and it also has been held up by the 325 building shutdown. The only current alternative was a sump alarm for the sump in the vault. Ms. Poston did state that the sump had a stainless steel liner and Mr. Tilden stated that the sump could be immediately pumped to another holding area. Ms. Poston went on to state that the sump could also hold the entire contents of all slab tanks in the vault.

Jeanne stated that she was planning on discussing the TBG and slab tank issues with Kennewick Ecology managers, D. Lundstrom and S. Alexander.

10. Status Action Items (Ecology/RL/PNL)

Mr. Day provided Ms. Wallace with a line drawings of the RLWS system for the 324 and 325 buildings during the discussion of the 300 Area RLWS Compliance Evaluation discussion. This action closed out action item 9-20-94:1.

There were no new action items from this meeting.

11. Next Unit Managers Meeting

- **Proposed dates during week of October 17**

The next Unit Managers Meeting was scheduled for November 30.

- **Proposed Topics**

Proposed topics for the next Unit Managers Meeting include: discussion regarding the TPA change package; the procedural closure request for the Thermal, Physical/Chemical and Biological Treatment Test Facilities; the 325 HWTU start-up schedule; and a status on the consolidated Form 3, NOI and Part B permit application.

[illegible]

Attachment 4

325/3100 HAZARDOUS WASTE TREATMENT UNIT
Unit Managers Meeting
337 Building, Mt. Shuksan
Richland, Washington

October 18, 1994
2:00 p.m. to 4:00 p.m.

Action Items

<u>Action Item #</u>	<u>Description</u>
6-7-94:1	PNL will provide Ecology (Ms. Wallace) a full justification regarding the TPA change request package by August 15, 1994. Closed
9-20-94:1	PNL will provide Ecology (Ms Wallace) with RLWS drawings for the 324 and 325 buildings. Closed

Attachment 5

**325/3100 HAZARDOUS WASTE TREATMENT UNIT
Unit Managers Meeting
337 Building, Mt. Shuksan
Richland, Washington**

**October 18, 1994
2:00 p.m. to 4:00 p.m.**

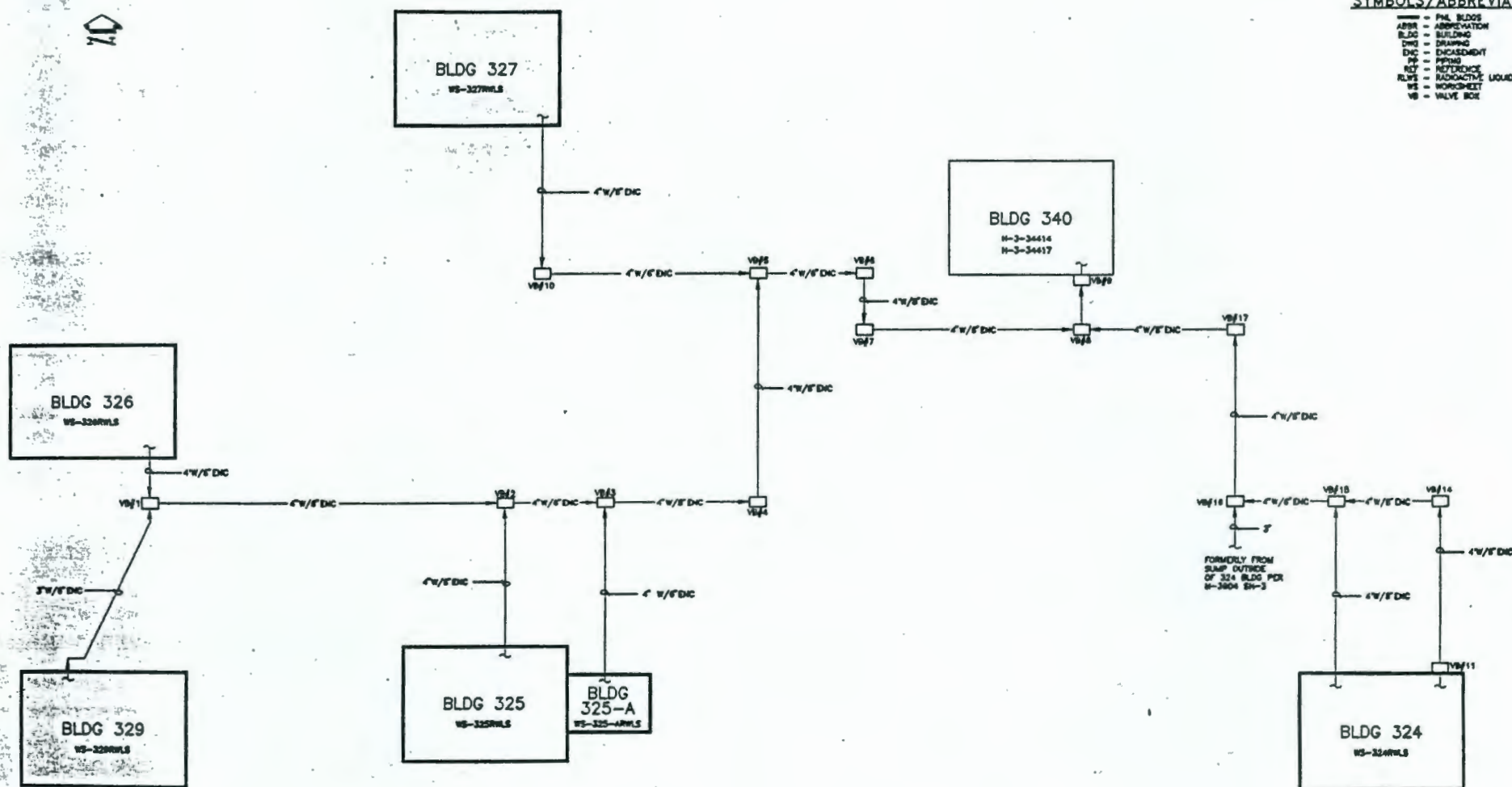
**RLWS Line Drawings
for the
324 and 325 Buildings**

GENERAL NOTES

(UNLESS OTHERWISE NOTED)
1. FOR RLWS PIPING INSIDE FACILITY SEE WS- NUMERICAL IN EACH BLDG.

SYMBOLS/ABBREVIATIONS

BLDG - BLDG
APPR - APPROXIMATION
BLDG - BUILDING
DWD - DRAWING
ENC - ENCLOSURE
PP - PIPING
NOT - NOTICE
RLWS - RADIOACTIVE LIQUID WASTE SYSTEM
WS - WORKSHEET
VB - VALVE BOX



9613335.1045

WS-320M, RH-3	300 AREA OUTSIDE LINE
WS-3-34222	ONE RLWS PLAN & PROFILE
WS-3-34224	DWG INDEX ONE RLWS PLOT
WS-3-34226	PP RLWS VS. AIRS & DETAILS

REFERENCE DRAWINGS
NEXT USED ON

OR	AF	AS	BS	CS	DS	ES	FS	GS	HS	IS	JS	KS	LS	MS	NS	OS	PS	QS	RS	TS	US	VS	WS	XS	YS	ZS
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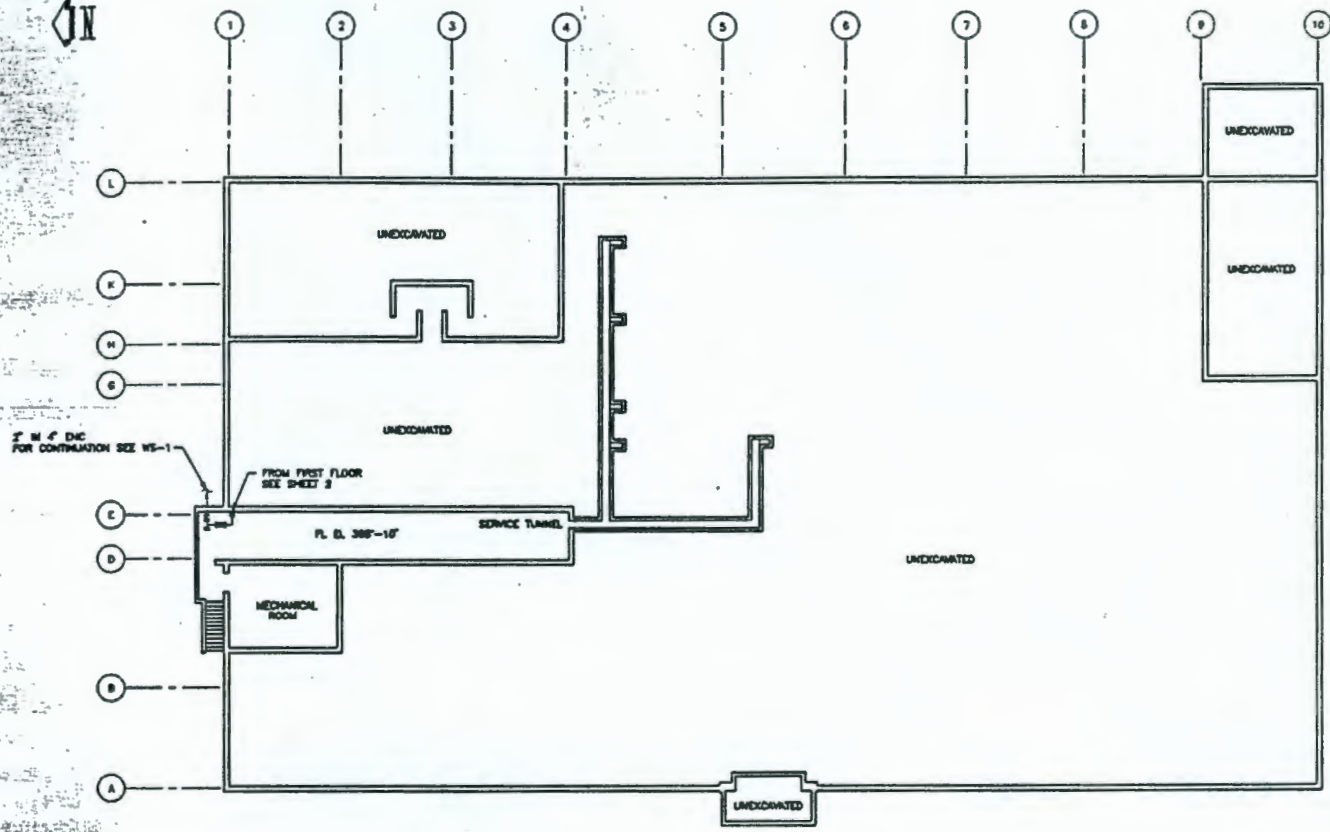
CHUCK 30-SEN-ACD2:12.0-SS
DWG WS-1

REVISIONS	DATE	BY	APP

APPROVED FOR CONSTRUCTION
DATE

U. S. DEPARTMENT OF ENERGY	
PACIFIC NORTHWEST LABORATORY	
300 AREA RLWS	
FLOW SHEET	
WS-11	1

ON



BASEMENT PLAN

SYMBOLS & ABBREVIATIONS

- BALL VALVE
- FLANGED LINE
- REDUCER (RED)
- DNC - DOWNSIDE

SCALE: COLUMN LINES 1/32"=1'-0"

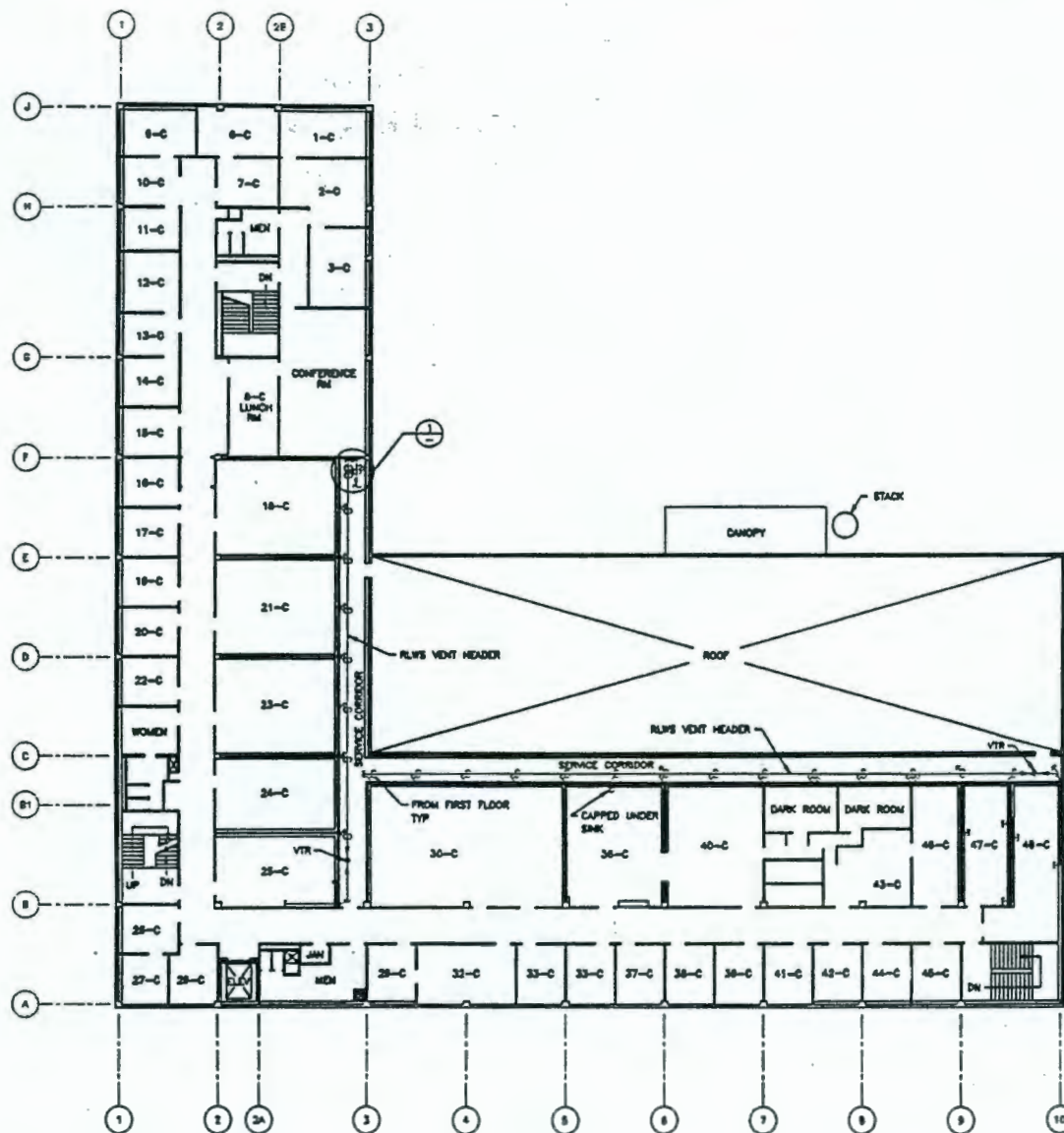
THIS WORKSHEET IS FOR REFERENCE ONLY.
REFER TO EXISTING PLANT DRAWINGS FOR
FACILITY PIPING.
NOTE: FACILITY DRAWINGS ARE BEING
FIELD VERIFIED FOR ACCURACY AND UPDATED
TO REFLECT EXISTING CONDITIONS.

PRELIMINARY

NOT APPROVED FOR CONSTRUCTION

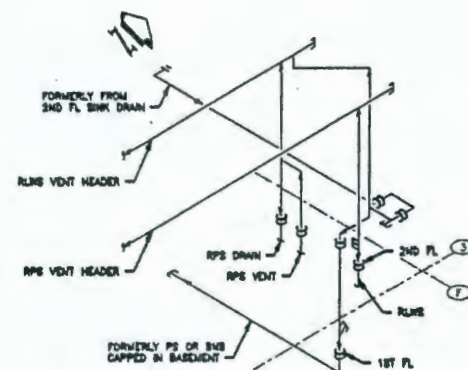
DESIGNED BY DRAWN BY CHECKED BY APPROVED BY		DATE SCALE SHEET NO.		U. S. DEPARTMENT OF ENERGY PACIFIC NORTHWEST LABORATORY RLWS PIPING BASEMENT	
REVISIONS NO. 1 DATE BY DESCRIPTION		NO. 2 DATE BY DESCRIPTION		NO. 3 DATE BY DESCRIPTION	
NO. 4 DATE BY DESCRIPTION		NO. 5 DATE BY DESCRIPTION		NO. 6 DATE BY DESCRIPTION	
NO. 7 DATE BY DESCRIPTION		NO. 8 DATE BY DESCRIPTION		NO. 9 DATE BY DESCRIPTION	
NO. 10 DATE BY DESCRIPTION		NO. 11 DATE BY DESCRIPTION		NO. 12 DATE BY DESCRIPTION	

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SECOND FLOOR PLAN

SCALE: COLUMN LINES 1"=0' 3/32"



1 RLWS PIPING DETAIL
WTS

NOTE: SEE SHEET 1 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

THIS WORKSHEET IS FOR REFERENCE ONLY. REFER TO EXISTING PLANT DRAWINGS FOR FACILITY PIPING.

NOTE: FACILITY DRAWINGS ARE BEING FIELD VERIFIED FOR ACCURACY AND UPDATED TO REFLECT CURRENT CONDITIONS.

1 PRELIMINARY

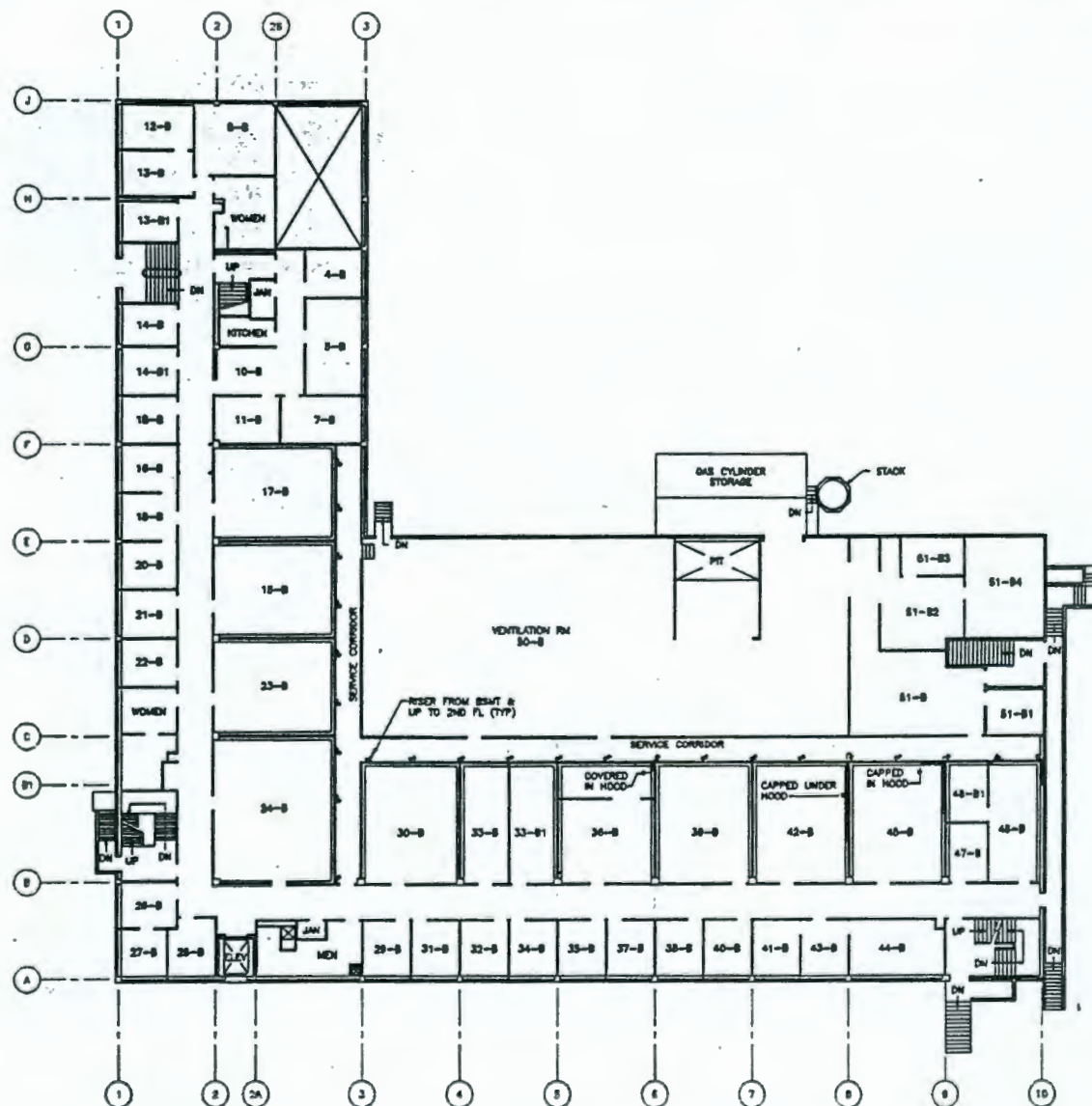
NOT APPROVED FOR CONSTRUCTION

NAME: R. BUTCHER		U. S. DEPARTMENT OF ENERGY	
DESIGN: R. BUTCHER		PACIFIC NORTHWEST LABORATORY	
DATE: 10/1/88		REVISION: 1	
BY: J. LEECH		REVISION: 2	
CHECK: J. LEECH		REVISION: 3	
APPROVED FOR CONSTRUCTION:		DATE: 10/1/88	
PROJECT: WS-326RLWS		SHEET: 3 OF 3	

9513335.1048

NOTES

1. FOR GENERAL NOTES, SYMBOLS & ABBREVIATIONS SEE SHEET 1.



RLWS FIRST FLOOR PLAN
SCALE: 1/32"=1'-0"

NO.	DATE	BY	CHKD.	REVISIONS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

U. S. DEPARTMENT OF ENERGY	
PACIFIC NORTHWEST LABORATORY	
RLWS PIPING PLAN	
FACILITY UTILIZATION MONITORING PLAN	
NO. 8408	328
WS-326RLWS 0	
SHEET 2 OF 3	

9513335.1049

1. PIPING IS IN APPROXIMATE LOCATION IN PLACES.
2. FOR DWG OF RLWS OUTSIDE BLDG LINES SEE DWG WS-1.
3. ALL RLWE PIPING IS OF SET MATERIAL.

EHV - BALL VALVE
 E - DAPPED LINE
 C - LINE DOWN
 U - LINE UP
 I - PLUGGED LINE
 DR - DRAIN
 CONT - CONTINUATION
 FL - FLOOR
 WZZZ - WZZZANINE
 RLWS - RADIOACTIVE LIQUID WASTE SYSTEM
 RM - ROOM
 RPS - RETENTION PROCESS SOWER
 SH - SHEET
 TYP - TYPICAL



THIS WORKSHEET IS FOR REFERENCE ONLY.
REFER TO EXISTING PLANT PIPING DRAWINGS.

NOTE: FACILITY DRAINAGE ARE BEING FIELD
VERIFIED FOR ACCURACY AND UPDATED TO
REFLECT EXISTING CONDITIONS.

										REF 1 N/A	
										U. S. DEPARTMENT OF ENERGY	
										PACIFIC NORTHWEST LABORATORY	
										OPERATED BY INTELLECTUAL SERVICES SYSTEMS	
										RLWS PIPING PLAN	
										FACILITY FLUID MONITORING PLAN	
										B408 326 WS-326RLWS10	
										SOURCE SHOWN	

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S. M. Price	WHC	H6-23
H. T. Tilden II	PNL	P7-79
P. J. Turner	PNL	P7-34
J. J. Wallace	Ecology	B5-18
RCRA Files/GHL	WHC	H6-23

ADMINISTRATIVE RECORD: 325/3100 Hazardous Waste Treatment Unit, T-3-4
[Care of EPIC, WHC (H6-08)]

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